

**Report of  
Endangered, Threatened, and Special Concern  
Plants, Animals, and Natural Communities  
for Hardin County, Kentucky**

**Kentucky State Nature Preserves  
Commission  
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**[www.naturepreserves.ky.gov](http://www.naturepreserves.ky.gov)**

# Kentucky State Nature Preserves Commission

## Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

### STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none    E = endangered    T = threatened    S = special concern    H = historic    X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none    C = candidate    LT = listed as threatened    LE = listed as endangered  
SOMC = Species of Management Concern

### RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled	GU = Unrankable
G2 = Imperiled	G#? = Inexact rank (e.g. G2?)
G3 = Vulnerable	G#Q = Questionable taxonomy
G4 = Apparently secure	G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)
G5 = Secure	
GH = Historic, possibly extinct	GNR = Unranked
GX = Presumed extinct	GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled	SU = Unrankable	Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M): S#B = Rank of breeding population S#N = Rank of non-breeding population S#M = Rank of transient population
S2 = Imperiled	S#? = Inexact rank (e.g. G2?)	
S3 = Vulnerable	S#Q = Questionable taxonomy	
S4 = Apparently secure	S#T# = Intraspecific taxa	
S5 = Secure	SNR = Unranked	
SH = Historic, possibly extirpated	SNA = Not applicable	
SX = Presumed extirpated		

### COUNT DATA FIELDS

# OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county  
H - reported from the county but not seen for at least 20 years  
F - reported from county & cannot be relocated but for which further inventory is needed  
X - known to have extirpated from the county  
U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

Kentucky State Nature Preserves Commission  
801 Schenkel Lane  
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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Hardin	Vascular Plants	<i>Carex crawei</i>	Crawe's Sedge	S /	G5 / S2S3	3	1	0	0	0
Hardin	Vascular Plants	<i>Carex tetanica</i>	Rigid Sedge	E /	G4G5 / S1?	1	0	0	0	0
Hardin	Vascular Plants	<i>Castilleja coccinea</i>	Scarlet Indian Paintbrush	E /	G5 / S1	1	0	0	0	0
Hardin	Vascular Plants	<i>Cypripedium candidum</i>	Small White Lady's-slipper	E /	G4 / S1	4	0	0	0	0
Hardin	Vascular Plants	<i>Dalea purpurea</i>	Purple Prairie-clover	S /	G5 / S3?	3	0	0	0	0
Hardin	Vascular Plants	<i>Dodecatheon frenchii</i>	French's Shooting Star	S /	G3 / S3	0	1	0	0	0
Hardin	Vascular Plants	<i>Fimbristylis puberula</i>	Hairy Fimbristylis	T /	G5 / S2	2	0	0	0	0
Hardin	Vascular Plants	<i>Gentiana puberulenta</i>	Prairie Gentian	E /	G4G5 / S1	3	0	0	0	0
Hardin	Vascular Plants	<i>Gymnopogon ambiguus</i>	Bearded Skeleton-grass	S /	G4 / S2S3	3	0	1	0	0
Hardin	Vascular Plants	<i>Helianthemum bicknellii</i>	Plains Frostweed	E /	G5 / S1S2	1	2	0	0	0
Hardin	Vascular Plants	<i>Helianthus eggertii</i>	Eggert's Sunflower	T /	G3 / S2	5	0	0	0	0
Hardin	Vascular Plants	<i>Hieracium longipilum</i>	Hairy Hawkweed	T /	G4G5 / S2	2	0	0	0	0
Hardin	Vascular Plants	<i>Juncus filipendulus</i>	Ringseed Rush	T /	G5 / S2?	1	0	0	0	0
Hardin	Vascular Plants	<i>Leavenworthia torulosa</i>	Necklace Gladecress	T /	G4 / S2	1	0	0	0	0
Hardin	Vascular Plants	<i>Lespedeza capitata</i>	Round-head Bush-clover	S /	G5 / S3	2	0	0	0	0
Hardin	Vascular Plants	<i>Liatris cylindracea</i>	Slender Blazingstar	T /	G5 / S2S3	0	1	0	0	0
Hardin	Vascular Plants	<i>Lonicera prolifera</i>	Grape Honeysuckle	E /	G5 / S1	0	1	0	0	0
Hardin	Vascular Plants	<i>Malvastrum hispidum</i>	Hispid Falsemallow	T /	G3G5 / S2?	1	0	0	0	0
Hardin	Vascular Plants	<i>Oenothera perennis</i>	Small Sundrops	E /	G5 / S1S2	1	0	0	0	0
Hardin	Vascular Plants	<i>Philadelphus pubescens</i>	Hoary Mock Orange	E /	G5? / S1	0	0	1	0	0
Hardin	Vascular Plants	<i>Pontederia cordata</i>	Pickereel-weed	T /	G5 / S1S2	0	0	0	1	0
Hardin	Vascular Plants	<i>Prenanthes aspera</i>	Rough Rattlesnake-root	E /	G4? / S1	1	1	0	0	0
Hardin	Vascular Plants	<i>Psoralidium tenuiflorum</i>	Few-flowered Scurf-pea	H /	G5 / SH	0	1	0	0	0
Hardin	Vascular Plants	<i>Ranunculus ambigens</i>	Waterplantain Spearwort	S /	G4 / S3	0	0	1	0	0
Hardin	Vascular Plants	<i>Rhynchospora recognita</i>	Globe Beaked-rush	S /	G5? / S3	1	0	0	0	0
Hardin	Vascular Plants	<i>Sagittaria graminea</i>	Grassleaf Arrowhead	T /	G5 / S1S2	1	0	0	0	0
Hardin	Vascular Plants	<i>Scleria ciliata</i>	Fringed Nutrush	E /	G5 / S2	1	0	0	1	0
Hardin	Vascular Plants	<i>Sedum telephioides</i>	Allegheny Stonecrop	T /	G4 / S2	0	0	1	0	0
Hardin	Vascular Plants	<i>Silene regia</i>	Royal Catchfly	E /	G3 / S1	4	1	1	6	0

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Hardin	Vascular Plants	<i>Silphium pinnatifidum</i>	Tansy Rosinweed	S /	G3Q / S3	11	0	0	0	0
Hardin	Vascular Plants	<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-tresses	T /	G4 / S2	10	0	0	0	0
Hardin	Vascular Plants	<i>Symphytotrichum pratense</i>	Barrens Silky Aster	S /	G4? / S3	9	1	0	0	0
Hardin	Vascular Plants	<i>Viola septemloba</i> var. <i>egglestonii</i>	Eggleston's Violet	S /	G4 / S3	3	0	0	0	0
Hardin	Vascular Plants	<i>Viola walteri</i>	Walter's Violet	T /	G4G5 / S2	0	1	0	0	0
Hardin	Aquatic Snails	<i>Antroselates spiralis</i>	Shaggy Cavesnail	S /	G3 / S2	1	0	0	0	0
Hardin	Freshwater Mussels	<i>Alasmidonta marginata</i>	Elktoe	T / SOMC	G4 / S2	0	0	2	0	0
Hardin	Freshwater Mussels	<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	E / LE	G2T2 / S1	0	0	0	1	0
Hardin	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	0	0	1	0	0
Hardin	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	0	0	2	0	0
Hardin	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	0	1	0	0	0
Hardin	Freshwater Mussels	<i>Plethobasus cyphus</i>	Sheepnose	E / C	G3 / S1	1	0	0	0	0
Hardin	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G2 / S1	0	0	1	2	0
Hardin	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / C	G3G4T3 / S2	0	0	0	2	0
Hardin	Freshwater Mussels	<i>Villosa fabalis</i>	Rayed Bean	X / C	G2 / SX	0	0	0	1	0
Hardin	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	2	1	0	0	0
Hardin	Freshwater Mussels	<i>Villosa ortmanni</i>	Kentucky Creekshell	T / SOMC	G2 / S2	4	0	7	1	0
Hardin	Crustaceans	<i>Orconectes inermis inermis</i>	Ghost Crayfish	S /	G5T4 / S3	5	2	0	0	0
Hardin	Insects	<i>Mesamia stramineus</i>	Helianthus Leafhopper	E /	GNR / S1	1	0	0	0	0
Hardin	Insects	<i>Nannothemis bella</i>	Elfin Skimmer	E /	G4 / S1S2	0	1	0	0	0
Hardin	Insects	<i>Papaipema beeriana</i>	Blazing Star Stem Borer	E /	G2G3 / S1S2	1	0	0	0	0
Hardin	Insects	<i>Papaipema eryngii</i>	Rattlesnake-master Borer Moth	E /	G1G2 / S1	2	0	0	0	0
Hardin	Insects	<i>Prairiana kansana</i>	A Cicadellid Leafhopper	E /	GNR / S1	1	0	0	0	0
Hardin	Insects	<i>Satyrium favonius ontario</i>	Northern Hairstreak	S /	G4T4 / S2	1	0	0	0	0
Hardin	Insects	<i>Tychobythinus hubrichti</i>	A Cave Obligate Beetle	T /	G1G2 / S1S2	0	1	0	0	0
Hardin	Fishes	<i>Amblyopsis spelaea</i>	Northern Cavefish	S / SOMC	G4 / S3	1	0	2	0	0
Hardin	Fishes	<i>Ictiobus niger</i>	Black Buffalo	S /	G5 / S3	0	2	0	0	0

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Hardin	Fishes	<i>Lota lota</i>	Burbot	S /	G5 / S2	1	0	0	0	0
Hardin	Fishes	<i>Noturus stigmosus</i>	Northern Madtom	S / SOMC	G3 / S2S3	1	1	0	0	0
Hardin	Fishes	<i>Phenacobius uranops</i>	Stargazing Minnow	S /	G4 / S2S3	0	1	0	0	0
Hardin	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	3	0	0	0
Hardin	Amphibians	<i>Hyla versicolor</i>	Gray Treefrog	S /	G5 / S2S3	14	0	0	0	0
Hardin	Reptiles	<i>Clonophis kirtlandii</i>	Kirtland's Snake	T / SOMC	G2 / S2	0	0	0	0	1
Hardin	Reptiles	<i>Elaphe guttata</i>	Corn Snake	S /	G5 / S3	5	1	0	0	0
Hardin	Reptiles	<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	T /	G5T5 / S2	5	1	0	0	0
Hardin	Reptiles	<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	S /	G5T5 / S3	0	1	0	0	0
Hardin	Breeding Birds	<i>Accipiter striatus</i>	Sharp-shinned Hawk	S /	G5 / S3B,S4N	1	0	0	0	0
Hardin	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	3	0
Hardin	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	2	0	1	0	0
Hardin	Breeding Birds	<i>Anas discors</i>	Blue-winged Teal	T /	G5 / S1S2B	1	0	0	0	0
Hardin	Breeding Birds	<i>Chondestes grammacus</i>	Lark Sparrow	T /	G5 / S2S3B	0	1	0	0	0
Hardin	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	0	1	0	0	0
Hardin	Breeding Birds	<i>Lophodytes cucullatus</i>	Hooded Merganser	T /	G5 / S1S2B,S3S4N					
Hardin	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	2	0	0	0	0
Hardin	Mammals	<i>Myotis austroriparius</i>	Southeastern Myotis	E / SOMC	G3G4 / S1S2	1	0	0	0	0
Hardin	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	3	1	0	0	0
Hardin	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	4	0	0	0	0
Hardin	Communities	<i>Acidic mesophytic forest</i>		/	GNR / S5	1	0	0	0	0
Hardin	Communities	<i>Bottomland hardwood forest</i>		/	GNR / S3	3	0	0	0	0
Hardin	Communities	<i>Bottomland ridge/terrace forest</i>		/	GNR / S1	1	0	0	0	0
Hardin	Communities	<i>Calcareous mesophytic forest</i>		/	GNR / S5	1	0	0	0	0
Hardin	Communities	<i>Hemlock-mixed forest</i>		/	GNR / S4S5	1	0	0	0	0
Hardin	Communities	<i>Limestone barrens (open woodland)</i>		/	GNR / S2	1	0	0	0	0

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Hardin	Communities	<i>Limestone flat rock glade</i>		/	GNR / S1	1	0	0	0	0
Hardin	Communities	<i>Limestone slope glade</i>		/	GNR / S2S3	10	0	0	0	0
Hardin	Communities	<i>Limestone/dolomite prairie</i>		/	GNR / S1	1	0	0	0	0
Hardin	Communities	<i>Sandstone barrens (open woodland)</i>		/	GNR / S1	1	0	0	0	0
Hardin	Communities	<i>Sandstone prairie</i>		/	GNR / S1	2	0	0	0	0
Hardin	Communities	<i>Shawnee Hills sandstone glade</i>		/	GNR / S1	1	0	0	0	0
Hardin	Communities	<i>Tallgrass prairie</i>		/	GNR / S1	2	0	0	0	0
Hardin	Communities	<i>Xeric red cedar - oak forest/woodland</i>		/	GNR / S5	2	0	0	0	0
<b>Hardin County Total:</b>						<b>163</b>	<b>30</b>	<b>21</b>	<b>18</b>	<b>1</b>